

FIRE SAFETY INSPECTION REPORT

**TANAZ FASHION, LTD.
SHATAIS ROAD**



ACCORD
on Fire and Building Safety in Bangladesh

March 15, 2014

SUMMARY

Tanaz Fashion, Ltd. was surveyed for fire safety on 15-03-2014 by Hughes Associates, Inc. This summary identifies the major deficiencies that were identified during the inspection.

The purpose of this survey was to identify significant fire safety issues and to provide recommendations for remediation based on applicable standards specified by the Accord. The scope of this initial fire safety inspection was limited to the review and identification of major fire safety issues. The inspection did not include identification of minor deficiencies, which will be further addressed as part of follow-up inspections.

Table 1 summarizes the major fire safety issues identified during the inspection. Recommendations have been provided to address each issue.

An implementation schedule shall be developed by the factory to remediate each of the findings. The specific timing of improvements, including any requested extensions due to design / installation constraints, shall be submitted to the Accord for approval.

Table 1. Findings And Recommendations

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	The boiler room is not separated by fire-rated construction (openings, non-rated doors, penetrations). 1 floor only.	Separate the boiler room by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations	Within 3 months



F-2	Fire Rated Construction	The exit stairs are not separated from factory floor on each floor by fire-rated construction.	<p>Provide minimum 1.5-hr fire rated doors and seal all unprotected openings to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors.</p>	Within 3 months
-----	-------------------------	--	---	-----------------

If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.



F-3	Fire Rated Construction	Flammable liquid storage area is not separated by fire-rated construction doors and openings. Barrels of oil on landing beside windows to factory floor.	Separate the hazardous materials / flammable liquid storage room by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations.	Within 3 months
-----	-------------------------	---	---	-----------------



F-4	Fire Rated Construction	<p>Areas used for combustible storage are not separated by fire-rated construction.</p> <p>Store room on seventh floor.</p>	<p>Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.</p> <p>Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows:</p> <ul style="list-style-type: none"> - Maximum height of 2.4m and maximum area of 23m² - If sprinkler protected: maximum height of 3.66m and maximum area of 93m² <p>Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.</p>	Within 3 months
-----	-------------------------	---	--	-----------------



F-5	Egress	<p>Egress doors / gates with locking features are provided at building exits and exit stairs.</p> <p>Gates and sliding doors were open and unlocked at time of inspection.</p>	<p>Remove locking features from all egress doors / gates.</p> <p>If locks are required for security reasons, utilize special door locking features complying with NFPA 101.</p>	Immediate
-----	--------	--	---	-----------



F-6 Egress

Storage was located in the egress path.

Keep egress paths and stairs clear of storage.

Immediate

Several locations.





F-7 Egress



Storage was located in the exit stair.

Remove all storage from exit stairs and egress paths.

Immediate

Both stairs.

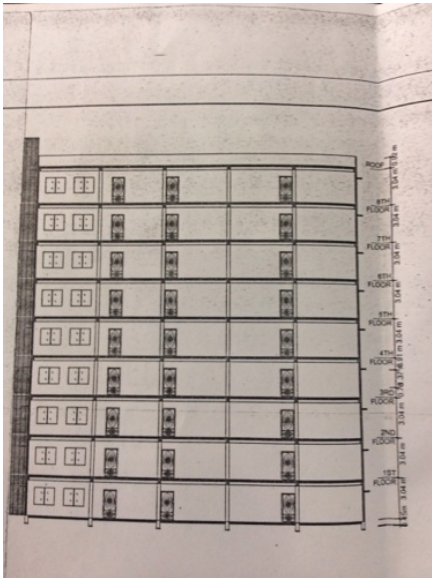


F-8	Egress	Collapsible gates / sliding doors are provided at exit stairs and building exit. At exit stairs and building exit.	Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Within 1 month
				

F-9	Egress	The width of egress aisles is less than 36-in. 5th and 6th floor.	Provide minimum aisle widths of 36-in.	Within 3 months
-----	--------	--	--	-----------------



F-10	Fire Protection	<p>The high-rise building has an occupied floor greater than 23m (75 ft) and is not provided with automatic sprinkler protection. The large occupant loads, heavy fuel loading, and anticipated extended egress times warrant sprinkler protection.</p> <p>Building is 24.4 meters tall to highest occupied floor.</p>	<p>Provide automatic sprinkler protection throughout the building in accordance with NFPA 13.</p>	<p>Design within 6 months, install within 12 months</p>
------	-----------------	--	---	---



F-11	Fire Protection	Activation of the fire alarm system by a manual fire alarm station provides automatic occupant notification only on the floor of alarm and not throughout the building.	Configure the fire alarm system to initiate automatic occupant notification on all floor levels to facilitate whole-building evacuation upon any manual fire alarm station activation.	Within 1 months
		Function test only sounded alarm on some of the floors of the building.		



F-12	Fire Protection	Inspection, testing, and maintenance records for the fire alarm system were not available.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
------	-----------------	--	---	-----------------



F-13	Fire Protection	Inspection, testing, and maintenance records for the fire alarm system were not available.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
------	-----------------	--	---	-----------------

F-14	Fire Protection	The fire alarm system does not appear to provide adequate audible notification coverage. On 6th floor.	Provide additional notification appliances such that the fire alarm system is audible throughout the building in accordance with NFPA 72.	Within 6 months
------	-----------------	---	---	-----------------



F-15	Egress Lighting	Emergency lighting did not function in test mode (burned out, broken, etc.). Several locations.	Regularly test the emergency lighting system on each floor and replace/repair lights as needed.	Within 1 month
F-16	Egress Lighting	Exit sign not provided at exit. Main exit in office.	Provide exit signs above all exits to the exterior and all doors to the exit stairs.	Within 1 month



F-17	Egress Lighting	Manual on-off switch is provided for emergency lighting units and exit signs.	Remove manual on/off switches from emergency lighting / exit signage units to prevent them from being switched off.	Within 1 month
------	-----------------	---	---	----------------

